
Assignment 2 - Reading from files (Due April 7th)

Create a program that allows the user to search a txt file for information. Prompt the user with a menu to select which token they would like to search the file for (Concepts from lab 10). Test your program using the text files below. Note: Your program will only need to run one text file per execution, but it should work for both files! For maximum credit provide the best solution by minimizing the amount of memory used in your program.

Hint: you may use strlen and strcpy from <string.h>

15 Points Program Compiles and Runs Correctly

15 Well Purposed Control Flow

10 Points for Documentation

- **Well Thought Out Comments that describe the purpose of functions, conditional statements, and loops.**
- **Descriptive Variable Names**

40 Points Total

sample1.txt

Food: Burgers Hotdogs Cheese
Colors: Pink Purple Orange Blue
People: Timmy Jimmy Kimmy

sample2.txt

Food: Burgers Hotdogs
Colors: Pink Purple
People: Timmy
Colors: Orange Blue
Food: Cheese
People: Jimmy Kimmy

Example Run #1

Which Token would you like to search the file for?

1. Food
2. Colors
3. People

1

Displaying Food

Burgers

Hotdogs

Cheese

Example Run #2

Which Token would you like to search the file for?

1. Food
2. Colors
3. People

2

Displaying Colors

Pink

Purple

Orange

Blue